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PCI Parallel Adapter

1-Port Remappable PCI Parallel Adapter Card

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Introduction

The PCI1PM Re-mappable 1 Port PCI Parallel Card adds one fully featured I/O mapped IEEE 1284 parallel port to your system using a PCI expansion slot.

Saving time and money in costly upgrades of legacy hardware, the re-mappable parallel card can be installed and configured using legacy memory ranges (278, 378, and 3BC legacy ISA addresses) under DOS® and Windows® operating systems for compatibility with legacy devices such as security dongles that require a specific memory I/O range for operation.

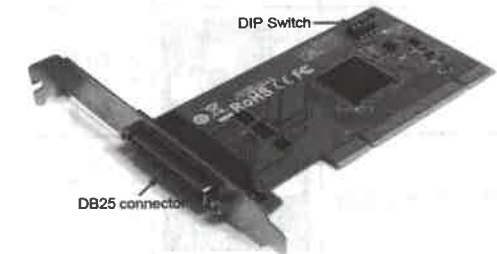The card also supports standard installations, with plug-and-play WHQL certified drivers for Windows® as well as support for DOS® and Linux®.

Packaging Contents

- 1 x PCI Parallel card
- 1 x Driver CD
- 1 x Instruction Manual

System Requirements

- PCI enabled computer with available full height PCI slot
- Microsoft® Windows® XP/Server 2003/Vista/Server 2008 R2/7 (32/64-bit), or DOS, or Linux® kernel 2.4.x/2.6.x

Installation

WARNING! PCI cards, like all computer equipment, can be severely damaged by static electricity. Be sure that you are properly grounded before opening your computer case or touching your PCI card. StarTech.com recommends that you wear an anti-static strap when installing any computer component. If an anti-static strap is unavailable, discharge yourself of any static electricity build-up by touching a large grounded metal surface (such as the computer case) for several seconds. Also be careful to handle the PCI card by its edges and not the gold connectors.

DIP Switch Settings

This card supports both standard PCI Plug-and-Play mode, as well as the legacy ISA addresses 278, 378 and 3BC. Set the switches on the card to the desired mode, prior to installation.

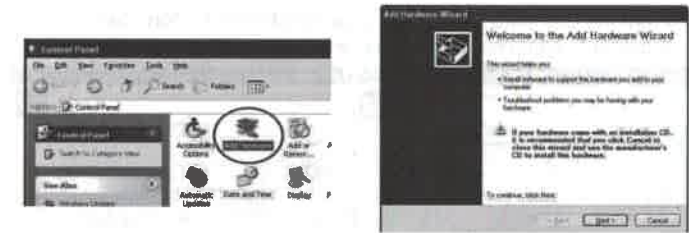|		
System Assigned (PnP)	ON [1][2][3][4]	1 - OFF 2 - OFF 3 - OFF 4 - OFF
378 (Legacy ISA)	ON [1][2][3][4]	1 - ON 2 - ON 3 - OFF 4 - OFF
278 (Legacy ISA)	ON [1][2][3][4]	1 - ON 2 - OFF 3 - ON 4 - OFF
3BC (Legacy ISA)	ON [1][2][3][4]	1 - ON 2 - OFF 3 - OFF 4 - ON

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Hardware Installation

1. Turn your computer off and any peripherals connected to the computer (i.e. Printers, external hard drives, etc.). Unplug the power cable from the rear of the power supply on the back of the computer and disconnect all peripheral devices.

2. Remove the cover from the computer case. Refer to documentation for your computer system for details.

3. Locate an open PCI or PCI-X slot and remove the metal cover plate on the rear of the computer case.

4. Insert the card into the open PCI or PCI-X slot and fasten the card's bracket to the rear of the case.

5. Place the cover back onto the computer case.

6. Insert the power cable into the socket on the power supply and reconnect all other connectors removed in Step 1.
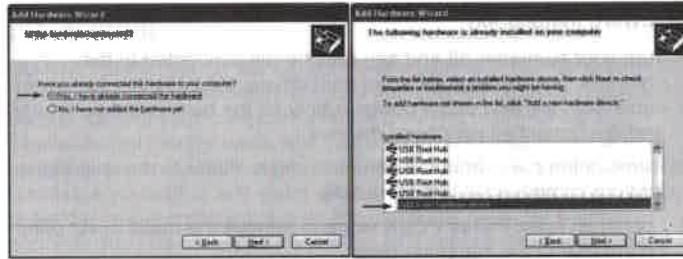
Driver Installation

Legacy ISA Address Mode

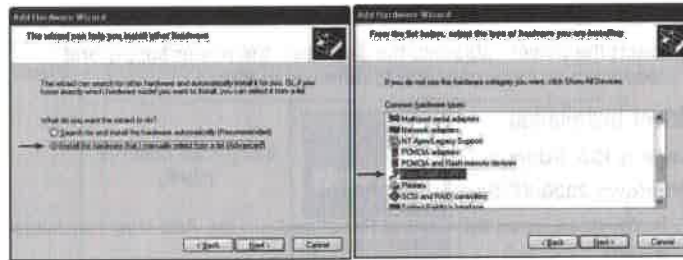### Windows 2000/XP/Server 2003/Vista

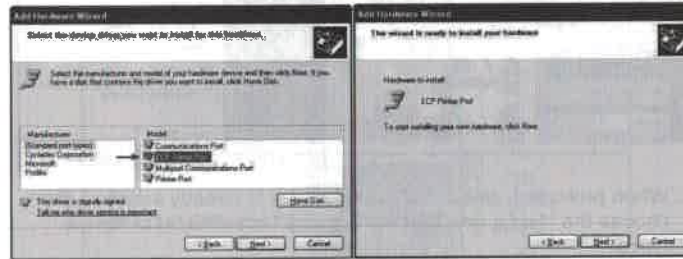1. In Windows, open the Control Panel and run the Add New Hardware wizard.

2. When prompted, select that the hardware is already installed, then choose the "Add a new hardware device" from the list of device types.

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3. Select the option to install the hardware manually, then select "Ports" has the hardware type.

4. From the Standard Port Types, select ECP Printer Port, then proceed to complete the installation.

5. Once the hardware wizard has completed, access the Device Manager by right-clicking on My Computer and selecting the "Manage" option. In the Computer Management window, select Device Manager from the left window panel.

6. Locate the new port under the "Ports" category and right-click on it and select "Properties".

7. In the Properties window, select the "Resources" tab along the top and click the "Set Configuration Manually" button.

8. Select "I/O Range" under the Resource Settings then click the "Change Settings" button.

9. Select the "Value" that matches the settings used for the adapter card and note any conflicts that appear. Accept the settings and reboot the computer.

10. If a conflict is not reported in Device Manager, then the port should be ready for use. Otherwise contact the system or motherboard manufacturer for a possible work around.

Windows 7/Server 2008 R2

1. Access the Device Manager by right-clicking on My Computer and selecting the "Manage" option. In the Computer Management window, select Device Manager from the left window panel.

2. Click on "Action" from the top menu and select the "Add Legacy Hardware" option. This will launch the Add Hardware wizard.
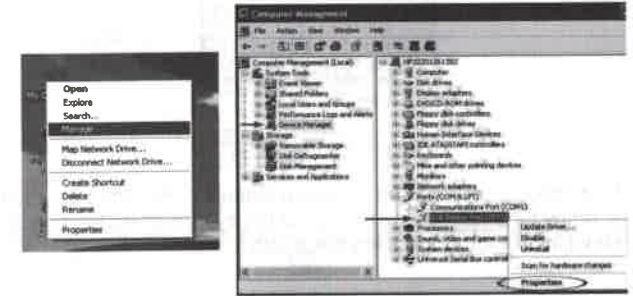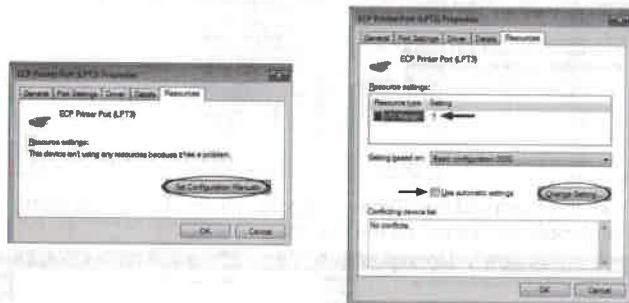

3. When prompted, select the option to install hardware manually, then select "Ports" as the hardware type.

4. From the Standard Port Types category, select ECP Printer Port, then proceed to complete the wizard.

5. From Device Manager, right-click on the newly added port and select "Properties".

6. Select the "Resources" tab from along the top tabs and then click the "Set Configuration Manually" button.

7. Select the "I/O Range" field from Resource Settings and uncheck the "Use Automatic Settings" box, then click the "Change Settings" button.

8. Select the "Value" that matches the settings used for the adapter card and note any conflicts that appear. Accept the settings and reboot the computer.

9. If a conflict is not reported in Device Manager, then the port should be ready for use. Otherwise contact the system or motherboard manufacturer for a possible work around.

Standard Plug-and-Play Mode

Windows 2000/XP/Server 2003

1. When the Found New Hardware wizard appears on the screen, insert the Driver CD into your CD/DVD drive. If you are prompted to connect to Windows Update, please select the "No, not this time" option and click Next.

2. Select the option "Install Drivers Automatically (Recommended)" and then click the Next button.

3. Windows should now start searching for the drivers. Once this has completed, click the Finish button.

Windows Vista/7/Server 2008 R2

1. When the Found New Hardware window appears on the screen, click on the "Locate and install drivers software (recommended)" option. If prompted to search online, select the "Don't search online" option.

2. When prompted to insert the disc, insert the Driver CD that came with the card, into your CD/DVD drive and Windows will automatically proceed to search the CD.

3. If a Windows Security dialog window appears, click the "Install this driver software anyway" option to proceed.

4. Once the driver is installed, click the Close button.

Specifications

Bus Interface	PCI revision 2.3 (33MHz)
	3.3V/5V compatible
Form Factor	Full Profile
Chipset ID	Sunix UL7512EQ
External Connectors	1 x DB25 female
Supported Standards	IEEE 1284-1994 (ECP/EPP/SPP/BPP)
Maximum Data Transfer Rate	1.8 Mbps
FIFO Buffer	16 Byte
Operating Temperature	0°C ~ 60°C (32°F ~ 140°F)
Storage Temperature	-20°C ~ 85°C (-4°F ~ 185°F)
Humidity	5% ~ 95% RH
Dimensions	121.0mm x 61.0mm x 13.0mm
Weight	75g
Compatible Operating Systems	Windows XP/Server 2003/Vista/ Server 2008 R2/7 (32/64-bit), DOS, Linux kernel 2.4.x/2.6.x

Technical Support

StarTech.com's lifetime technical support is an integral part of our commitment to provide industry-leading solutions. If you ever need help with your product, visit www.startech.com/support and access our comprehensive selection of online tools, documentation, and downloads.

Warranty Information

This product is backed by a lifetime warranty.

In addition, StarTech.com warrants its products against defects in materials and workmanship for the periods noted, following the initial date of purchase. During this period, the products may be returned for repair, or replacement with equivalent products at our discretion. The warranty covers parts and labor costs only. StarTech.com does not warrant its products from defects or damages arising from misuse, abuse, alteration, or normal wear and tear.

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